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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/645,254	08/24/2000	Byung Taek Kim	CHUNP0155US	8529	
759	90 09/24/2003				
Don W Bulson		EXAMINER			
Renner Otto Boisselle & Sklar PLL 1621 Euclid Ave			LEE, BENNY T		
19th Floor Cleveland, OH 44115			ART UNIT	PAPER NUMBER	
			2817		
			DATE MAILED: 09/24/2003		

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES COPARTMENT OF COMMERCE Patent and Trade rk Office Address COMMISSIONER OF PATENTS AND TRADEMARKS

09/6452	2574	V. T. T. W.	Address	Washingti	on, D.C. 20231	AND THADEMARS	
SERIAL NUMBER	FILING DATE		FIRST NAMED APPLICANT			ATT RNEY DOCKET NO.	
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COMMISSIONER OF PATENTS AND TRADEMARKS

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This i	application has been examined Responsive to communication filed on 6 June 2003	This action is made final,
A shorten	ed statutory period for response to this action is set to expire work youth(s), as yet from the respond within the period for response will cause the application to become abandoned. 35 U.S.C. 1	ne date of this letter.
Part I	THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION: Notice of References Cited by Examiner, PTO-892. Notice of Art Cited by Applicant, PTO-1449 Information on How to Effect Drawing Changes, PTO-1474 THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION: Notice re Patent Drawing, Notice of informal Patent 6.	PTO-948. Application, Form PTO-152
Part II	SUMMARY OF ACTION	.•
· 7	Ctaims 1710; 12	are pending in the application.
. '	Of the above, claims	are withdrawn from consideration.
2 🗆	Claims	have been cancelled.
3. Ø	Claims 1-10', 12	are allowed.
4.	Ctaims	are rejected.
5.	Claims	are objected to.
ε. <u></u>	Claims are subject to re	striction or election requirement.
7.	This application has been filed with informal drawings which are acceptable for examination purposes	until such time as allowable subject
š. 🗀	matter is indicated. Allowable subject matter having been indicated formal drawings are required in response to this Offic	e action.
: Z	The corrected or substitute drawings have been received on	gs are. acceptable;
ia. /	The proposed drawing correction and/or the proposed additional or substitute sheet(s) of draw has (have) been approved by the examiner. disapproved by the examiner (see explanation).	ings, filed on 18 May 2000
ır 🗆	The proposed drawing correction, filed	y to ensure that the drawings are
12.	Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has be	en received not been received
	been filed in parent application, serial no; filed on	•
13.	Since this application appears to be in condition for allowance except for formal matters, prosecution a accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.	s to the merits is closed in
14.	Other	

Application/Control Number: 645254

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DETAILED ACTION

This application is in condition for allowance except for the following formal matters:

In the Specification:

The disclosure is objected to because of the following informalities: Note that in fig. 6B,

reference labels (Cr1, Cr2, Cr3, C'r12, C'r23, R'r1, R'r2, R'r3, M'r12, M'r23) still need to be

explicitly described relative to the Fig. 6 description. Appropriate correction is required.

In the Drawings:

The drawings are objected to because of the following: In fig.6, should reference label

"414b" correctly be --414c--?; In fig. 6B, note that reference label "Cr2" should correctly be --

C'r2--. A proposed drawing correction or corrected drawings are required in reply to the Office

action to avoid abandonment of the application. The objection to the drawings will not be held in

abeyance.

In the Claims:

The examiner suggests the following changes to improve the form of the claims in a non-

limiting manner. Applicants' are urged to adopt these changes such as to expedite prosecution:

In claim 1, lines 7, 12, note that "hole" should be rewritten as --holes-- at each occurrence

for a proper characterization.

In claim 7, line 3, note that "a capacitance" should be rephrased as --an additional

capacitance-- to avoid confusion with other recited "capacitances"; line 4, note that "the

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resonating hole" should be rephrased as --at least one first resonating hole-- and "first filtering

area" should be rephrased as --first open area--, respectively for a proper characterization.

In claim 8, line 2, note that "along the resonating hole" should be deleted as being

unnecessary.

In claims 9, 10, line 2 of each claim, note that --additional-- should precede "capacitance"

for consistency with the suggested amendment to claim 7; line 3, note that "corresponding to the

resonating hole" should be deleted as being unnecessary.

In claim 10, line 3, note that "said resonating hole" should be rephrased as --said at least

one first resonating hole-- for consistency of description.

Prosecution on the merits is closed in accordance with the practice under Ex parte

Quayle, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire TWO MONTHS

from the mailing date of this letter.

Claims 1-10; 12 are allowable over the prior art of record.

Any inquiry concerning this communication or earlier communications from the examiner

should be directed to Benny Lee whose telephone number is (703) 308 4902.

BENNY T

B. Lee PRIMARY EXAMI

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September 12, 2003